

**Supplementary Table S1.** List of liver-specific transcription factors for *APOH* promoter (Matinspector)

Family	Further Information	Start pos.	End pos.	Strand	Sequence
CEBP	Ccaat/Enhancer Binding Protein	79	93	-	cagcttgaGAAAtct
NR2F	Nuclear receptor subfamily 2 factors	99	123	-	tccagaggctctAAAAtccctgaga
NF1F	Nuclear factor 1	116	136	-	atcTTGGtttatccagagg
FKHD	Fork head domain factors	120	136	+	tggataTAAAccaagat
VTBP	Vertebrate TATA binding protein factor	121	137	+	ggataTAAAccaagatc
INRE	Core promoter initiator elements	139	149	-	tcTCATtggg
HNF1	Hepatic Nuclear Factor 1	159	175	+	gGTTAtttattcagagc
CLOX	CLOX and CLOX homology (CDP) factors	165	187	+	ttattcagagcttgctATAGgaa
HNF1	Hepatic Nuclear Factor 1	189	205	-	tGTTAatggctgcctcc
CLOX	CLOX and CLOX homology (CDP) factors	194	216	-	ccaaacacaactgtaATGGctg
NF1F	Nuclear factor 1	210	230	-	actttgagctctGCCAaaca
HNF6	Onecut homeodomain factor HNF6	222	238	+	actcaaagTCAAagtca
VTBP	Vertebrate TATA binding protein factor	250	266	-	tattaTAAAgctttccc
CLOX	CLOX and CLOX homology (CDP) factors	286	308	-	ccaaCAATccgttggagcacacc
CLOX	CLOX and CLOX homology (CDP) factors	345	367	-	tctctaacCAATcacatggacac
CLOX	CLOX and CLOX homology (CDP) factors	398	420	+	agttggccaactgctATAGagg
RXRF	RXR heterodimer binding sites	453	477	+	agatgtgtgggcagGTTcgttt
PERO	Peroxisome proliferator-activated receptor	454	476	+	gatgtgtgggtcagAGTTctgtt
NR2F	Nuclear receptor subfamily 2 factors	455	479	+	atgtgtgggtcagAGTTctgtttc
FKHD	Fork head domain factors	468	484	-	tatgtgaaAACAgaact
VTBP	Vertebrate TATA binding protein factor	495	511	-	atataTAAAtggacaat
VTBP	Vertebrate TATA binding protein factor	497	513	-	ggataTATAaatggaca
PTBP	Plant TATA binding protein factor	498	512	-	gataTATAaatggac
PTBP	Plant TATA binding protein factor	500	514	-	aggaTATAaatgg
EKLF	Basic and erythroid krueppel like factors	564	580	-	tcggaaGGGGggtgttc
CLOX	CLOX and CLOX homology (CDP) factors	662	684	-	ttgaaaattGATTtgaattaac
HNF6	Onecut homeodomain factor HNF6	666	682	+	atttcaaTCAAtttc
CLOX	CLOX and CLOX homology (CDP) factors	667	689	+	tttcaaATCAattttcaaattcc
CLOX	CLOX and CLOX homology (CDP) factors	727	749	-	ctcctcATCCatttctaataatgt
NR2F	Nuclear receptor subfamily 2 factors	742	766	-	cagatcaatacAAAGtcctctcat
CLOX	CLOX and CLOX homology (CDP) factors	747	769	-	cgtcagATCAatacaaatgctcctc
RXRF	RXR heterodimer binding sites	751	775	-	ctcttaCGTCagatcaatacaaaagt
CLOX	CLOX and CLOX homology (CDP) factors	752	774	+	ctttgtattGATCtgacgtaaga
PARF	PAR/bZIP family	760	776	+	tgatctgacGTAAgaga
CEBP	Ccaat/Enhancer Binding Protein	761	775	+	gatctgacGTAAgag
RXRF	RXR heterodimer binding sites	788	812	+	tcaaggataGCTCtaaggctctaac
NR2F	Nuclear receptor subfamily 2 factors	790	814	+	aaggatagctctaAGGTcctaactg
VTBP	Vertebrate TATA binding protein factor	922	938	-	ctctTAAAtgatgtt
NR2F	Nuclear receptor subfamily 2 factors	962	986	+	ggtgtttgtcCAAAGtttatatgcc
VTBP	Vertebrate TATA binding protein factor	969	985	-	gcataTAAActttggac
FKHD	Fork head domain factors	970	986	-	ggcataTAAActttgga
FKHD	Fork head domain factors	1077	1093	+	accccggaACAacaag
CLOX	CLOX and CLOX homology (CDP) factors	1104	1126	-	cacaaaacagttcattATTGctt
CLOX	CLOX and CLOX homology (CDP) factors	1106	1128	+	gcaaTAATgaactgtttgtgcc
FKHD	Fork head domain factors	1135	1151	-	gtcttcATAAcgttttt
PARF	PAR/bZIP family	1166	1182	+	aaagaTTCataacaga
PARF	PAR/bZIP family	1167	1183	-	ctctgTTATgaaatctt
CEBP	Ccaat/Enhancer Binding Protein	1168	1182	-	tctgttatGAAAtct
HNF1	Hepatic Nuclear Factor 1	1196	1212	-	cTTTAatcatttacttt
HNF1	Hepatic Nuclear Factor 1	1198	1214	+	agtAAATgattaagaa
FKHD	Fork head domain factors	1253	1269	-	tctttgtaAATAgaaga
NR2F	Nuclear receptor subfamily 2 factors	1261	1285	+	ttacaaagataAAAGtacaccagaa
HNF1	Hepatic Nuclear Factor 1	1289	1305	+	gGTTAatgtttaagcgc
FKHD	Fork head domain factors	1290	1306	-	agcgcTAAAcattaac
VTBP	Vertebrate TATA binding protein factor	1292	1308	+	taatgtTAAAGcgttt
CLOX	CLOX and CLOX homology (CDP) factors	1371	1393	-	tgagcactggagaaATCAAttgtg